

DNAJB4, 1-337aa, Human, His tag, E.coli

Cat.NO.: TP01895

3th Edition

Synonyms:DnaJ homolog subfamily B member 4, DjB4, DNAJW, HLJ1

Description:DNAJB4 belongs to the evolutionarily conserved DNAJ/HSP40 protein family. Subunit structure of this protein is homodimer. The C-terminal section interacts with the C-terminal tail of OPRM1. DNAJB4 interacts also with SDIM1. Recombinant human DNAJB4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 30% glycerol, 1mM DTT

Molecular Weight:40 kDa (360aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMGKDYCYILGIEKGASDEDIKKAYRKQALKFHPDKNKSPQAEKFKVEVAEAY
EVLSDPKKREIYDQFGEEGLKGGAGGTDGQGGTFRYTFHGDPHATFAAFFGGSNPFEIFFGRRMGGRDSEEMEI
DGDPFSAFGFSMNGYPRDRNSVGPSRLKQDPPVIHELRSLEEIYSGCTKRMKISRKRLNADGRSYRSEDKILTIEI
KKGWKEGTKITFPREGDETPNSIPADIVFIIKDKDHPKFKRDGNSNIYTAKISLREALCGCSINVPTLDGRNIPMSVNDI
VKPGMRRRIIGYGLPFPKPNPDQRGDLLIEFEVSFPDTISSSSKEVLRKHLPAS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.